WONEWOC WWTF 3rd MODIFIED PERMIT FACT SHEET

GENERAL INFORMATION	
Permit Number: WI-0029688-10-03	**FID**: 729008170
Permittee: Village of Wonewoc, PO Box 37, Wonewoc, WI 53968	
Discharge Location: Wonewoc Wastewater Treatment Facility (WWTF), 121 W Colvin, Wonewoc, WI 53968	
Receiving Waters: surface waters of the Baraboo River in the Crossman Creek/Little Baraboo River watershed of the Lower Wisconsin River Drainage Basin located in Juneau County.	
Annual Average Design Flow: 0.142 MGD	**Discharge Type**: Continuous
Q($_{7,10}$): 21 cfs	**Stream Classification**: Warmwater Sport Fish, Non-public Water Supply
Application waivers? No	

Sample Point Designation

Influent Sample No: 701	**Sample Description**: Representative influent samples shall be collected between the fine screen and the Parshall flume. Average flow in 2019 was 0.15 MGD.
Surface Water Sample No: 001	**Sample Description**: Representative effluent samples shall be collected at the end of the chlorine contact tank and prior to discharge to the Baraboo River.
Land Application Sample No: 002	**Sample Description:** Representative liquid sludge samples shall be collected prior to hauling and test results shall be reported on Form 3400-49 'Waste Characteristics Report'. Hauled sludge reports shall be reported on Form 3400-52 'Other Methods of Disposal or Distribution Report' following each year that the sludge is hauled.

FACILITY DESCRIPTION

Facility Description: The Village of Wonewoc owns and operates a wastewater treatment plant with secondary treatment capability for treating domestic wastewater. The plant has an annual average design flow of 0.142 million gallons per day (MGD) and received an actual annual average flow of 0.15 MGD in 2019.

Wastewater from the Village flows by gravity to the treatment plant. The wastewater passes through the fine screen or a bar screen before being sampled with a 24-hour flow proportional composite sampler. The wastewater then passes through a three-inch Parshall flume for flow measurement before emptying into the wetwell. Wastewater from the wetwell is pumped to the primary clarifier. The wastewater from the primary clarifier flows by gravity to rotating biological contactors (RBCs). The treated water and any biological solids that have sloughed off the RBCs flows to a rectangular final clarifier where the biological solids are settled out and the clear water flows out to be disinfected via chlorination. Seasonal disinfection and de-chlorination are provided in a concrete pipe and contact tank. The effluent is sampled with a 24-hour flow proportional composite sampler prior to discharge to the Baraboo River.

Sludge removed from the primary clarifier and secondary clarifier is treated in an aerobic digester. Digested sludge is hauled by United Liquid Waste to Elroy or other approved sludge storage facilities before being spread on approved land application sites.

Operational changes for this issuance include installation of chemical feed to control effluent phosphorus levels. Monitoring &/or limit changes in this permit issuance include 1) additional total residual chlorine effluent limits, 2) new effluent total nitrogen series monitoring, 3) new phosphorus

mass effluent limit based on the Total Maximum Daily Load (TMDL) for the Wisconsin River Basin based on Site-Specific Criteria (SSC) to address phosphorus water quality impairments within the TMDL area with an associated compliance schedule, and 4) fecal coliform monitoring & limits will be replaced with *Escherichia coli* (*E. coli*) monitoring and limits with an associated compliance schedule.

Reason for 1st Modification: this fact sheet matches the requirements of the modified permit. The permit was modified (effective 05/01/2022) to correct the *E. coli* "% Exceedance" parameter at Outfall 001 sample sample type from "grab" to "calculated".

Reason for 2nd Modification: Facility was experiencing compliance issues from hold times of the 2/week fecal coliform sampling since the new lab they use only has courier services once a week. Since weekly is the standard frequency for fecal coliform and E. coli sampling for this type of facility, the frequency was modified to return to the standard for both parameters (09/01/2022).

Reason for 3rd Modification: Facility requested an extension of the TMDL phosphorus mass limit of 0.56 lbs/day from January 1, 2024 to December 31, 2025 in the compliance schedule, based on financial strain associated with the construction of the new wastewater treatment facility. In addition, the implementation of the final E. coli limit was also extended to the same date of December 31, 2025. Current limits for both parameters will continue throughout the permit term.

Current paper the public notice will be published: The Hillsboro Sentry Enterprise, Hillsboro**,** 839 Water Ave, Hillsboro, WI
See associated public notice document for additional contact and procedural information**.**

Significant Industrial Loading? No

SUBSTANTIAL COMPLIANCE DETERMINATION

	Compliance	Comments
Discharge Limits	**Yes**	
Sampling/testing requirements	**Yes**	
Groundwater standards	**NA**	
Reporting requirements	**Yes**	
Compliance schedules	**Yes**	
Operator at proper grade	**Yes**	
Other:	**NA**	
Enforcement considerations	**NA**	
In substantial compliance? Yes	**Concurrence:** Peter Pfefferkorn **Date: August 17, 2020**	

SUBSTANTIAL COMPLIANCE DETERMINATION – LAND APP

	Compliance	Comments
Discharge Limits	**Yes**	
Sampling/testing requirements	**Yes**	
Groundwater standards	**n/a**	
Reporting requirements	**Yes**	
Compliance schedules	**n/a**	
Other:	**n/a**	
Enforcement considerations	**None**	
In substantial compliance? Yes	**Concurrence:** L Hinke **Date: 08/14/20**	

INFLUENT MONITORING

Sample Description: Representative influent samples shall be collected between the fine screen and the Parshall flume.			
Sample No: 701	**Sample Location**: BETWEEN STRAINER AND FLUME		
PARAMETER	**LIMITATION**	**SAMPLE FREQUENCY**	**SAMPLE TYPE**
Flow	MGD	Continuous	
BOD_5	mg/L	3/Week	24 Hr Flow-Prop Comp
Suspended Solids	mg/L	3/Week	24 Hr Flow-Prop Comp
Explanation of influent changes from last permit: None			

EFFLUENT MONITORING / LIMITATIONS

Sample Location: North bank of the Baraboo River			
Sample No: 001	**Sample Description**: Representative effluent samples shall be collected at the end of the chlorine contact tank and prior to discharge to the Baraboo River.		
PARAMETER	**LIMITATION**	**SAMPLE FREQUENCY**	**SAMPLE TYPE**
BOD_5	45 mg/L, weekly avg 30 mg/L, monthly avg	3/Week	24 Hr Flow-Prop Comp
Total Suspended Solids	45 mg/L, weekly avg 30 mg/L, monthly avg	3/Week	24 Hr Flow-Prop Comp
pH	9.0 su Daily Max 6.0 su Daily Min	Daily	Grab
Nitrogen, Total [1]	mg/L	Annual, See below for specific quarters[1]	Calculated
Nitrogen, Nitrite + Nitrate Total [1]	mg/L		24-Hr Flow Prop Comp
Nitrogen, Total Kjeldahl [1]	mg/L		24-Hr Flow Prop Comp
Nitrogen, Ammonia (NH3-N) Total 2023 and 2024 only	mg/L	Monthly	24-Hr Flow Prop Comp
Phosphorus Limit effective at permit issuance	4.0 mg/L monthly avg	3/Week	24-Hr Flow Prop Comp
Phosphorus Limit effective 12/31/2025 per compliance schedule	0.56 lbs/day Monthly Avg	3/Week	Calculated
Phosphorus, Total[2]	lbs/month	Monthly	Calculated
Phosphorus, Total[3]	lbs/yr	Monthly	Calculated
Chlorine (May-Sept)	38 µg/L Daily Max 38 µg/L Weekly Avg 38 mg/L Monthly Avg	Daily	Grab
Fecal Coliform [4] Interim limit effective May – Sept until the final *E. coli* limit goes into effect	400 #/100 ml Geometric Mean - Monthly	Weekly	Grab
***E. coli* [4]** Monitoring only May – Sept until the final limit goes into effect	#/100 ml	Weekly	Grab
***E. coli* [4]** Limit Effective May - September per the "Effluent Limitations for *E. coli*" Schedule.	126 #/100 ml Geometric Mean - Monthly	Weekly	Grab
***E. coli* [4]**	10% Exceedance [4]	Monthly	Calculated

[1] Monitoring is required in the following quarters: Jan-Mar 2021, Apr-Jun 2022, July-Sept 2023, Oct Dec 2024, Jan-Mar 2025.

[2] Calculate the Total Monthly Discharge of phosphorus and report on the last day of the month on the DMR. See Phosphorus section(s) below.

[3] Calculate the 12-month rolling sum of total monthly mass of phosphorus discharged and report on the last day of the month on the DMR. See Phosphorus section(s) below.

[4] *E. coli* fecal coliform monitoring are required at the permit effective date. An interim fecal coliform limit of 400 #/100 ml as a monthly geometric mean will apply from the permit effective date through the end of the "Effluent Limitations for *E. coli*" Schedule included in this permit. At the end of the compliance schedule, *E. coli* limits of 126 #/100 ml as a monthly geometric mean and 410 #/100 ml as a daily maximum that may not be exceeded more than 10 percent of the time in any calendar month will apply.

Explanation of effluent changes from last permit: 1) additional total residual chlorine effluent limits to comply with the expression of limits requirements in ss. NR 106.07 and NR 205.065(7), 2) new effluent total nitrogen series monitoring, 3) new phosphorus mass effluent limit based on the Total Maximum Daily Load (TMDL) for the Wisconsin River Basin based on Site-Specific Criteria (SSC) to address phosphorus water quality impairments within the TMDL area with an associated compliance schedule, and 4) fecal coliform monitoring and limits will be replaced with Escherichia coli (E. coli) monitoring and limits established in s. NR 210.06 (2), Wis. Adm Code with an associated compliance schedule.

Explanation of limits and monitoring: Limits were determined using chs. NR 102, 105, 106, 205, 210, and 217 of the Wisconsin Administrative Code (where applicable). The effluent limits for BOD5, TSS, fecal coliform, E. coli, and pH are based on NR 210. Limitations for these substances are protective of the receiving water uses and associated water quality criteria. For more information see the WQBEL memo from Pat Oldenburg to Angela Parkhurst dated July 18, 2017, the TMDL addendum memo from Wade Strickland to Angela Parkhurst dated August 12, 2019, and the *E. coli* addendum memo form Wade Strickland to Tim Ryan dated May 1, 2020.

Chlorine monitoring or limits: Daily monitoring with 38 mg/L daily maximum, 38 mg/L weekly average, and 38 mg/L monthly average limits applicable May-Sept annually.

***E. Coli*/Fecal Coliform monitoring or limits:** Revisions to bacteria surface water quality criteria to protect recreational uses and accompanying *E. coli* WPDES permit implementation procedures became effective May 1, 2020. The new rule requires that WPDES permits for facilities with required disinfection include monitoring for *E. coli* while facilities are disinfecting during the recreation period, and establish effluent limitations for *E. coli* established in s. NR 210.06 (2), Wis. Adm Code. The administrative code rule changes included the following actions: revised the bacteria water quality criteria from fecal coliform to *E. coli* to protect recreation in ch. NR 102, Wis. Adm. Code.; removed fecal coliform criteria for certain individual waters from ch. NR 104, Wis. Adm. Code.; revised permit requirements for publicly and privately owned sewage treatment works in ch. NR 210, Wis. Adm. Code.; and, updated approved analytical methods for bacteria in ch. NR 219, Wis. Adm. Code.

E. coli monitoring is required at the permit effective date. An interim fecal coliform limit of 400 #/100 ml as a monthly geometric mean will apply from the permit effective date and follow the compliance schedule which determines when the *E. coli* limits of 126 #/100 ml as a monthly geometric mean that may never be exceeded and 410 #/100 ml as a daily maximum that may not be exceeded more than 10 percent of the time in any calendar month will apply.

Reason for 2nd modification: Facility was experiencing compliance issues from hold times of the 2/week fecal coliform sampling since the new lab they use only has courier services once a week. Since weekly is the standard frequency for fecal coliform and E. coli sampling for this type of facility, the frequency was modified to return to the standard for both parameters.

Reason for 3rd modification: Final E. coli compliance date was extended to December 31, 2025 due to financial strain associated with the construction of the new wastewater treatment facility.

Total Nitrogen Monitoring (NO2+NO3, TKN and Total N): The Department has included effluent monitoring for Total Nitrogen in the permit through the authority under §§ 283.55(1)(e), Wis. Stats., which allows the department to require the permittee to submit information necessary to identify the type and quantity of any pollutants discharged from the point source, and through s. NR 200.065(1)(h), Wis. Adm. Code, which allows for this monitoring to be collected during the permit term. More information on the justification to include total nitrogen monitoring in wastewater permits can be found in the "Guidance for Total Nitrogen Monitoring in Wastewater Permits" dated October 1, 2019.

Ammonia monitoring or limits: Monitoring required in years 2023-2024 to establish baseline data for the next reissuance.

Phosphorus monitoring and Wisconsin River Total Maximum Daily Load (TMDL) Limits: The permitted facility is included within the Wisconsin River Basin TMDL, which was approved by EPA April 26, 2019. The TMDL establishes Waste Load Allocations (WLAs) for point source dischargers and determines the maximum amounts of phosphorus that can be discharged and still protect water quality. The final effluent limits and monitoring expressed in the permit were derived from Site-Specific Criteria (SSC) for Lakes Petenwell, Castle Rock, and Wisconsin originally included in Appendix K of the TMDL report and approved by the U.S. Environmental Protection Agency on July 9, 2020. The permittee's approved SSC-based limits are consistent with the assumptions and requirements of the EPA-approved WLA in the TMDL, which is 158 lbs/yr for the permitted facility. In addition, this is a new limit issued (switching from a NR 217.13 limit to a TMDL limit) and therefore a new compliance schedule and final compliance date has been given.

The approved TMDL expresses WLAs as lbs/year and lbs/day (maximum annual load divided by 365 days). As outlined in Section 4.6 of the department's TMDL Development and Implementation Guidance: Integrating the WPDES and Impaired Waters Program, mass limits must be given in the permit that are consistent with the TMDL WLA and the phosphorus impracticability agreement that was approved by USEPA in 2012 (see NPDES MOA Addendum dated July 12, 2012 at https://prodoasint.dnr.wi.gov/swims/downloadDocument.do?id=167886175). Continuously discharging facilities covered by the WRB TMDL are given monthly average mass limits. If the equivalent effluent concentration is less than or equal to 0.3 mg/L, six-month average mass limits (averaging period of May through October and November through April) are also included. The equivalent effluent concentration of 0.365 mg/L was calculated for the facility, thus, TMDL-SSC based mass limits are expressed only as 0.56 lbs/day monthly average.

An interim limit of 4.0 mg/L goes into effect upon reissuance and will remain in effect unless a more stringent limit is required at a future permit issuance by ss. NR 217.13 and NR 217.16(2), Wis. Adm. Code, or the limit is relaxed following procedures outlined in ch. NR 207, Wis. Adm. Code. Discharge effluent concentration (mg/L) shall be reported 3 times per week upon permit reissuance and will be used to calculate amounts reported for mass-based parameters. An additional reporting requirement for lbs/month will be used to calculate the facility's 12-month rolling sum of total monthly discharge, which can be compared directly to the facility's designated WLA. Final TMDL-SSC WLA-based effluent limits of 0.56 lbs/day as a monthly average will go into effect in accordance with compliance schedule.

Reason for modification: Phosphorus TMDL limits compliance date was extended to December 31, 2025 due to financial strain associated with the construction of the new wastewater treatment facility.

Temperature: No limit or monitoring is required because there is no reasonable potential to exceed the calculated 120 F limit.

BIOMONITORING REQUIREMENTS

Is biomonitoring required at this outfall? No since data indicates no concerns from metals and no industrial contributors.

DISINFECTION

Is disinfection required for this discharge? Yes, with new *E. coli* limits and compliance schedule to meet them.	
Frequency: Seasonal	**Type of disinfection**: Chlorination
Discussion: None	

LAND APPLICATION SECTION

SLUDGE REQUIREMENTS

All sludge management requirements were determined ch. NR 204, Wis. Adm. Code

Sludge # (3 digits)	Sludge Class (A or B)	Liquid or Cake	Pathogen Reduction Method	Vector Attraction Reduction Method	Reuse Option
002	B	Liquid	N/A	N/A	Hauled

SLUDGE MONITORING/LIMITATIONS

Sample Description: Representative liquid sludge samples shall be collected prior to hauling and test results shall be reported on Form 3400-49 'Waste Characteristics Report'. Hauled sludge reports shall be reported on Form 3400-52 'Other Methods of Disposal or Distribution Report'.

Sample No: 002 **Short Description**: PRIOR TO HAULING

PARAMETER	Units	High Quality	Ceiling	FREQUENCY	SAMPLE TYPE
Total Solids	Percent	-	-	Annual	Grab
Arsenic Dry Wt	mg/kg	41	75	Annual	Grab
Cadmium Dry Wt	mg/kg	39	85	Annual	Grab
Copper Dry Wt	mg/kg	1500	4300	Annual	Grab
Lead Dry Wt	mg/kg	300	840	Annual	Grab
Mercury Dry Wt	mg/kg	17	57	Annual	Grab
Molybdenum Dry Wt	mg/kg	-	75	Annual	Grab
Nickel Dry Wt	mg/kg	420	420	Annual	Grab
Selenium Dry Wt	mg/kg	100	100	Annual	Grab
Zinc Dry Wt	mg/kg	2800	7500	Annual	Grab

Sludge Management Adequate? Yes

Sludge Storage Required? No

Is a priority pollutant scan required? No

Quantity of sludge used/disposed of annually: 62,700 Gal

COMPLIANCE SCHEDULES

Effluent Limitations for Phosphorus

No later than 30 days following each compliance date, the permittee shall notify the Department in writing of its compliance or noncompliance with the required action. If a submittal is part of the required action then a timely submittal fulfills the written notification requirement.

Required Action	Due Date
Facility Plan: Submit a Facility Plan that evaluates feasible alternatives for meeting the final Wisconsin River Total Maximum Daily Load (TMDL) Limits based on site-specific criteria for phosphorus which may include: facility upgrading, consolidation with other sewerage systems, alternative effluent discharge locations, the Watershed Adaptive Management Option, Water Quality Trading Plan or a water quality standards variance.	12/31/2021
Construction Plans and Specifications: Submit construction plans and specifications for approval if the approved Facility Plan calls for upgrading the treatment facility.	12/31/2022
Progress Report: Submit a progress report on meeting the final Wisconsin River Total Maximum Daily Load (TMDL) Limits based on site-specific criteria for phosphorus.	12/31/2023

Progress Report: Submit a progress report on meeting the final Wisconsin River Total Maximum Daily Load (TMDL) Limits based on site-specific criteria for phosphorus.	12/31/2024
Complete Actions: Complete actions to meet the final Wisconsin River Total Maximum Daily Load (TMDL) Limits based on site-specific criteria for phosphorus. Comply with the new phosphorus final limits.	12/31/2025

Explanation of Schedule

A compliance schedule is included in the permit to provide time for the permittee to investigate options for meeting new effluent phosphorus water quality-based effluent limits while coming into compliance with the limits as soon as reasonably possible. A new limit is issued (switching from a NR 217.13 limit to a TMDL limit) and therefore a new compliance schedule and an new final compliance date has been given.

Reason for modification: Phosphorus TMDL limits compliance date was extended to December 31, 2025 due to financial strain associated with the construction of the new wastewater treatment facility. Associated with this change, an action item requiring an additional progress report due 12/31/24 was added to the compliance schedule.

Effluent Limitations for *E. coli*

The permittee shall comply with surface water limitations for *E. coli* as specified. No later than 14 days following each compliance date, the permittee shall notify the Department in writing of its compliance or noncompliance. If a submittal is required, a timely submittal fulfills the notification requirement.

Required Action	Due Date
Status Update: The permittee shall submit information within the discharge monitoring report (DMR) comment section documenting the steps taken in preparation for properly monitoring and testing for *E. coli* including, but not limited to, selected test method and location of sampling.	02/21/2021
Operational Evaluation Report: The permittee shall prepare and submit an Operational Evaluation Report to the Department for review and approval. The report shall include an evaluation of collected effluent data and proposed operational improvements that will optimize efficacy of disinfection at the treatment plant during the period prior to complying with final *E. coli* limitations and, to the extent possible, enable compliance with the final *E. coli* limitations. The report shall include a plan and schedule for implementation of the operational improvements. These improvements shall occur as soon as possible, but not later than 04/30/2022. The report shall state whether the operational improvements are expected to result in compliance with the final *E. coli* limitations. The permittee shall implement the operational improvements in accordance with the approved plan and schedule specified in the Operational Evaluation Report and in no case later than 04/30/2022. If the Operational Evaluation Report concludes that the operational improvements are expected to result in compliance with the final *E. coli* limitations, the permittee shall comply with the final *E. coli* limitations by 04/30/2022 and the permittee is not required to comply with subsequent milestones identified below in this compliance schedule (‘Submit Facility Plan’, 'Final Plans and Specifications', 'Treatment Plant Upgrade to Meet Limitations', ‘Construction Upgrade Progress Report’, 'Complete Construction', 'Achieve Compliance'). FACILITY PLAN - If the Operational Evaluation Report concludes that operational improvements alone are not expected to result in compliance with the final *E. coli* limitations, the permittee shall initiate development of a facility plan for meeting final *E. coli* limitations and comply with the remaining required actions in this schedule of compliance. If the Department disagrees with the conclusion of the report,and determines that the permittee can achieve final *E. coli* limitations using the existing treatment system with only operational improvements, the Department may reopen and modify the permit to include an implementation schedule for achieving the final *E. coli* limitations sooner than 12/31/2025.	11/30/2021

Submit Facility Plan: If the Operational Evaluation Report concluded that the permittee cannot achieve final *E. coli* limitations with operational improvements alone, the permittee shall submit a Facility Plan per s. NR 110.09, Wis. Adm. Code. The permittee may submit an abbreviated facility plan if the Department determines that the modifications are minor.	04/30/2022
Final Plans and Specifications: The permittee shall submit final construction plans to the Department for approval pursuant to ch. NR 108, Wis. Adm. Code, specifying treatment plant upgrades that must be constructed to achieve compliance with final *E. coli* limitations and a schedule for completing construction of the upgrades by the complete construction date specified below.	03/31/2023
Treatment Plant Upgrade to Meet Limitations: The permittee shall initiate bidding, procurement, and/or construction of the project. The permittee shall obtain approval of the final construction plans and schedule from the Department pursuant to s. 281.41. Stats., prior to initiating activities defined as construction under ch. NR 108, Wis. Adm. Code. Upon approval of the final construction plans and schedule by the Department pursuant to s. 281.41, Stats., the permittee shall construct the treatment plant upgrades in accordance with the approved plans and specifications.	09/30/2023
Construction Upgrade Progress Report: The permittee shall submit a progress report on construction upgrades.	12/31/2024
Complete Construction: The permittee shall complete construction of wastewater treatment system upgrades.	11/30/2025
Achieve Compliance: The permittee shall achieve compliance with final E. coli limitations by providing the Department with testing results to demonstrate the permittee is able to meet the final E. coli limitations before disinfection season begins.	12/31/2025

Explanation of Schedule

A compliance schedule is included in the permit to provide time for the permittee to investigate options for meeting new effluent *E. coli* water quality-based effluent limits while coming into compliance with the limits as soon as reasonably possible.

Reason for modification: The E. coli limits compliance date was extended to December 31, 2025 due to financial strain associated with the construction of the new wastewater treatment facility. Associated with this change, construction progress reports dates were modified and specific requirements for achieving compliance were added to the compliance schedule.

OTHER COMMENTS FROM FACT CHECK

The Village of Wonewoc submitted the following fact check comments:

1. It seems all references to WQBEL be changed to TMDL.
2. DNR is requiring an Operational Evaluation Report for phosphorus in 06/30/2021. An OER completed in the previous permit. Do you think it is necessary to do this again? We are currently working on a Facility Plan to address the chemical upgrades needed to achieve compliance with the TMDL.
3. There are no clear dates of when the limitations for fecal coliform end, when monitoring E. Coli begins, and when limitations for E.Coli take effect in the E. Coli schedule. Are these dates based on the E.Coli compliance schedule?
    a. Fecal Coliform Limits Effective (Now – 04/29/2022 or 4/29/2025)
    b. E. Coli Monitoring (02/22/2021 – 04/29/2022 or 4/29/2025)
    c. E. Coli Limits Effective (04/30/2022… if can achieve with operational improvements, effective 04/30/2025 if capital improvements required)
4. the Fact sheet lists The Messenger of Juneau County in Elroy as the paper the public notice will be published. This paper is no longer in service. The paper the public notice should be published in is in the Hillsboro Sentry Enterprise.

DNR responses/actions:

1. WQBEL references in the phosphorus compliance schedule where replaced with references for the new Wisconsin River Total Maximum Daily Load (TMDL) Limits based on site-specific criteria for phosphorus.
2. The phosphorus operational report has already been completed and has been removed.
3. The effective dates for fecal/E. coli are fluid depending on how things go with the operational evaluation report as stated in their disinfection compliance schedule. If they can meet E. coli prior to the deadline of 04/30/2022, then that earlier date will be when fecal limits discontinue and will be replaced with E. coli limits. If they need more time, then the latest the fecal coliform limits discontinue and will be replaced with E. coli limits is 05/01/2022.
4. The newspaper was changed to Hillsboro Sentry Enterprise.

Expiration date: December 31, 2025
Prepared by: Angela Parkhurst **Date**: 12/09/2020
Modified by: Holly Heldstab **Date**: 04/26/2020
Modified by: Angela Parkhurst **Date**: 08/31/2022
Modified by: Angela Parkhurst **Date**: 06/05/2023